



M1035/0009

Leslie Heppler <lheppler@utah.gov>

North Barneys Canyon Drainage, Discharge Permit No. UGW350001

1 message

Nicole Froula <nfroula@utah.gov>

Fri, Feb 12, 2016 at 4:53 PM

To: Douglas Bacon <dbacon@utah.gov>, kerri fiedler <fiedler.kerri@epa.gov>, Leslie Heppler <lheppler@utah.gov>

You are cc on this letter, I am providing you your copy. If you have any further questions feel free to let me know, thank you.


Nicole Froula | Office Tech II

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Div. of Oil, Gas & Mining

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Mr. Steve Schnoor
Director – Land, Water, Energy and Environment
Rio Tinto Kennecott Copper
4700 Daybreak Parkway
South Jordan, Utah 84095

RE: Water Quality Source Characterization of Spring Water Flow in North Barneys Canyon Drainage,
Ground Water Discharge Permit UGW350001

Dear Mr. Schnoor:

The Division of Water Quality (DWQ) has reviewed the *Report for Water Quality Source Characterization of Spring Water Flow in North Barneys Canyon Drainage*, dated December 16, 2015 submitted by Rio Tinto Kennecott Copper (RTKC) on behalf of Barneys Canyon Mining Company.

Based on the data presented in the report, the most likely source of the degraded water quality that is present in the spring is the former sulfide ore stockpile footprint on the Barneys 6300 waste rock. As a result, RTKC has suggested they will sample and map the residual sulfide acid rock drainage (ARD) generating footprint. The DWQ agrees this is the next step in addressing the source of the spring contamination.

Please present for review and approval, a schedule to define the extent of the sulfide footprint, and a plan to remediate this source of elevated metals and TDS observed in the North Barneys drainage spring flow.

Please contact Brian Hamos at (801) 536-4384 or bhamos@utah.gov if you have any questions regarding this matter.

Sincerely,

Dan Hall, P.G., Manager
Ground Water Protection Section

DH:BH:nf

cc: Douglas Bacon, DERR (via email)
Kerri Fiedler, EPA Region 8 (via email)
Leslie Heppler, DOGM (via email)
John Hoggan, Salt Lake County Health Department (via email)

DWQ-2016-004621

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